

PCT/NZ03/00239

## CERTIFICATE

This certificate is issued in support of an application for Patent registration in a country outside New Zealand pursuant to the Patents Act 1953 and the Regulations thereunder.

I hereby certify that annexed is a true copy of the Provisional Specification as filed on 22 October 2002 with an application for Letters Patent number 522096 made by BARRY DOUGLAS ARMOUR.

Dated 5 November 2003.

**PRIORITY DOCUMENT**  
SUBMITTED OR TRANSMITTED IN  
COMPLIANCE WITH  
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Neville Harris  
Commissioner of Patents, Trade Marks and Designs



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# Provisional Specification

New Zealand Patents Act 1953

**Title:** *Must be the same as the title on the Application for Patents (Patents form 1)*

Truck deck tilting mechanism

**Applicant:** *State (in full) name, address, and nationality of applicant or applicants*

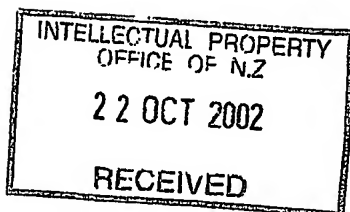
I/We Barry Douglas Armour

Address 1 Bell Crescent, Concord, Dunedin

Nationality New Zealand citizen

do hereby declare this invention to be described in the following statement: *(continue application on page 2)*

Please submit this form with the Application for Patent (Patents Form 1)



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This invention relates to truck decks, that tilt down at the rear to expediate the loading and unloading of equipment.

The object of this invention, is to provide a tilting truck deck, that minimises the angle between the deck and the ground, as the deck tilts down at the rear.

The mechanism that accomplishes this action consists of, but is not limited to:

A two axle truck, cab and chassis with simply supported leaf spring rear suspension.

A deck that over hangs the rear axle of the truck.

The rear suspension front spring support is fixed to the truck chassis.

The rear suspension, rear spring support is fixed to the tilting deck.

The deck is pivoted on the chassis of the truck forward of the rear suspension front spring support.

When the deck is tilted, either manually or mechanically, the rear suspension front spring support moves towards the deck, reducing the clearance between the top of the rear wheel and the underside of the deck.

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